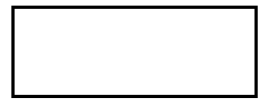


25X1

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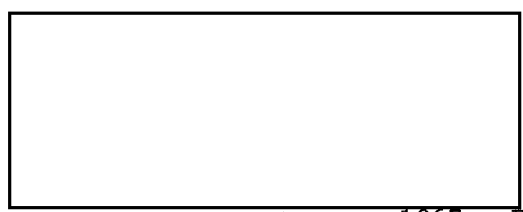
**CONFIDENTIAL**

*G- Prog. Rpt*  
*File* 997023 25X1




15 February 1967  
552 - OD-321

25X1



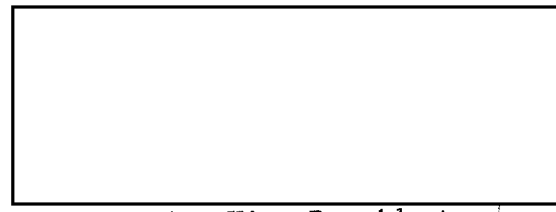
Progress Report  
January 1967 - Projects 552 and 552A

Gentlemen:

Enclosed are three (3) copies of  Progress Report on Projects 552 and 552A for the period January 1967.

25X1

Very truly yours,



25X1

Executive Vice President

Enc. (3) P. R.

Cert. #855549

Declass Review by  
NIMA/DOD

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Approved For Release 2003/01/28 : CIA-RDP78B04747A002900040018-8  
OPTICAL - MECHANICAL - ELECTRONIC SYSTEMS - RESEARCH & DEVELOPMENT - PRODUCTION - MANUFACTURING

GROUP 1  
EXCLUDED FROM AUTOMATIC  
DOWNGRADING AND  
DECLASSIFICATION

13 February 1967  
552-552A-OD-319

PROGRESS REPORT - 552 and 552A  
for January 1967

552 #101

Trip was made 26 January to prepare laser equipment for return shipment to factory and replace transistors in regulator circuits. Laser power supplies and heads will be modified and returned to customer early in February.

552A #102

During trip made 26 January, inspection of this system was made. The following was observed:

a) Left channel would move + and -X and -Y only. Joystick output OK and direction relays were OK. Found a circuit card in "Slo-Syn" translator faulty and when replaced, normal operation was seen.

b) Right channel barely move + or -Y axis.

Joystick output and direction relays OK. Time allotment ran out preventing further study of right channel.

An estimate to correct anticipated problems above, has been prepared and forwarded to customer.

552A #103

A trip was made January 19-20 to replace repaired joystick potentiometer. Joystick was refurbished together with repair of problems with left objective turret, right zoom magnifier, right dot reticle, widening scanning limits, reduction of film scratching with rear holddown and manufacture of more comfortable gear selector switch operator. At conclusion of the visit, equipment was to begin the two week trial period for acceptance.

552A #104

Image Alternator and Power Assist Film Drive are in-

stalled and operating with a few "bugs" remaining in the film drive circuitry. Problems plaguing scanning drive electronics have debugged to allow completion in early February. Principal difficulty was to discover cause for damaged joystick potentiometers. Induced transients from adjacent circuits appear to be the culprit and have now been effectively reduced for safe operation of scanning system.

With the favorable scanning drive situation completion in February is assured. Final timing on optics and other sub-systems can now proceed for completion.

Enclosure: Financial Report

WWB:lms